

a cursor control device (CCD) configured to accept input from a user;
a display computer coupled to said CCD and configured to process avionics data and said input from said user, wherein said display computer is further coupled to a display and at least one database including navigational data;

said display computer further configured to:

project and cull said database in accordance with a defined map region;

create a projected display database;

modify said display database in accordance with avionics data associated with an aircraft;

and

display said display database in accordance with said modifying step.

- 28
cont
3. (New) The method of claim 1, further comprising the step of unifying map and plan mode presentations into a virtual map.
 4. (New) The method of claim 1, further comprising the step of simultaneously displaying at least two profiles.
 5. (New) The method of claim 1, further comprising the step of displaying a map from a variable perspective, wherein the angle of incidence between a pilot's view and earth's surface is set at an angle of less than ninety degrees.
 6. (New) The system of claim 2, wherein the display computer is configured to display a map from a variable perspective.
 7. (New) The system of claim 2, further comprising a map of layered information, wherein said layers are controllable via graphical interfaces.
 8. (New) The system of claim 2, wherein said CCD is a graphical user interface.
 9. (New) The system of claim 2, wherein said display is configured to display flight plan transitions as curved paths from one flight leg to the next.
 10. (New) A method of terrain paging comprising the steps of:
 - computing the size of a terrain patch to cover a display screen;
 - creating triangular vertices by projecting sampled vertices from latitude and longitude coordinate frame to a nautical mile based coordinate frame;
 - setting said triangular vertices at their correct elevation to form terrain skin;
 - rendering terrain skin to a display list;